

WHAT IS CLAIMED IS:

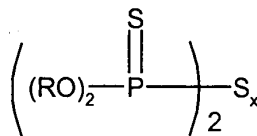
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1. Vulcanizable rubber mixes comprising:

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a) rubbers;

b) O,O-bis-(alkyl)dithiophosphoric acid polysulfides corresponding to the formula



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wherein

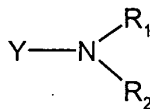
x represents 2, 3, 4 or 5 and

R represents a C<sub>8</sub>-C<sub>12</sub>-alkyl or -cycloalkyl radical

15

and

c) primary and/or secondary amines corresponding to the formula



20

wherein

Y represents hydrogen or a mercaptobenzothiazole radical,

25

R<sub>1</sub> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>5</sub> or C<sub>6</sub>-cycloalkyl C<sub>7</sub>-C<sub>12</sub>-aralkyl and

$R_2$  has the same meaning of  $R_1$ ,

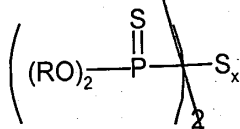
with the proviso that  $R_1$  and  $R_2$  do not simultaneously represent hydrogen,

wherein the components b) and c) are in a molar ratio from (0.5 to 1.5) : 1 and are present in a total amount of from 1 to 10 parts by wt. per 100 parts by wt. of rubbers in the rubber mixes.

2. Rubber molded products comprising vulcanizable rubber mixes comprising:

a) rubbers,

b) O,O-bis-(alkyl)dithiophosphoric acid polysulfides corresponding to the formula



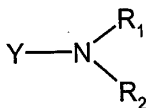
wherein

x represents 2, 3, 4 or 5 and

R represents a  $C_8$ - $C_{12}$ -alkyl or -cycloalkyl radical

and

c) primary and/or secondary amines corresponding to the formula



wherein

Y represents hydrogen or a mercaptobenzothiazole radical,

R<sub>1</sub> represents hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>5</sub> or C<sub>6</sub>-cycloalkyl C<sub>7</sub>-C<sub>12</sub>-  
aralkyl and

R<sub>2</sub> has the same meaning of R<sub>1</sub>,

with the proviso that R<sub>1</sub> and R<sub>2</sub> do not simultaneously represent  
hydrogen,

wherein the components b) and c) are in a molar ratio from (0.5 to 1.5) : 1 and  
are present in a total amount of from 1 to 10 parts by wt. per 100 parts by wt.  
of rubbers in the rubber mixes.

3. A rubber molded product according to Claim 2, wherein said rubber molded  
product is selected from the group consisting of tires, hoses, damping  
components, seals and profiles.